

*Louie F. Dineen F.R.*

KB

INDWST 002 0088

State of New Jersey  
Department of Environmental Protection  
Solid Waste Administration  
P.O. Box 2807  
Trenton, New Jersey 08625

2-22-78  
Completed

02794

Industrial Waste Survey

Please Type or Print

Date February 14, 1978

1. Name of Firm (or Establishment) Beckman Instruments, Inc.
2. Mailing address 89 Commerce Road
3. City or Town Cedar Grove County Essex Zip Code 07009
4. Location (if not as above) \_\_\_\_\_
5. Telephone number: Area Code (201/609) 201-239-6200
6. Name and Title of person completing form E. Sperry
7. Name and Title of chief executive of firm Leo C. Cunniff (Operations Manager)
8. Industry type: Manufacturing XX Storage/Break Bulk \_\_\_\_\_ Distribution \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)
9. S.I.C. Number (5 Digit) 38230 10. Number of employees 200
11. Principal products manufactured, stored, processed or sold \_\_\_\_\_

Manufacture Electronic Instruments

12. Does your operation produce industrial wastes\* having any of the following properties and/or constituents: Flammable-chemical, Corrosive, Explosive, Carcinogenic, Infectious, Radioactive, Heavy Metals, Halogenated Hydrocarbons, Generates Pressure, Irritant, Sensitizer, Toxic, Mutagenic, Teratogenic, Special Handling Requirements.

Yes X No \_\_\_\_\_

\*Any discarded materials resulting from industrial or commercial processes including all liquid, semi-liquid, or solid wastes and containers contaminated with process materials, but exclusive of non-process wastes, such as on-site cafeteria, office paper wastes, or NPDES discharges.

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## 13. Current Industrial Waste Characteristics and Management Practices

Process (General)	Associated Waste	Estimated Quantities			Constituents of Waste Wet Basis		Physical State 1-5	Waste Properties 6-18	Storage Prior to Disposal 19-25	Special Handling 26-30	Treatment Prior to Disposal 31-58	Frequency of Disposal 59-65	Disposal Point 66-67	Disposal Method 68	Remarks
		Tons/Yr	Cu Yds/Yr	Gal/Yr	% Major Constituents (incl. water)	"Hazardous Constituents" ppm									
A. Metal Finishing	1. Aluminum Etching Solution			275 Max.	Water Sodium Hydroxide 5%	95%	2	18	25	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
	2. Aluminum Deoxidizing Solution			275 Max.	Water 92% Chromates Fluorides 8%		2	18	25	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
	3. Iridyne Aluminum Cop Vapor Coating			275 Max.	Water 97% Chromates Fluorides 1%		2	18	25	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
	4. Iron Phosphatizing Solution			275 Max.	Water Phosphates Bisulfate	98% 2%	2	18	25	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
	5. Phosphate Sealer			275 Max.	Water 99.9% Potassium Chromate 0.1%		2	18	25	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
B. Vapor Degreaser	1. Trichlorethylene			60 Max.	Trichlorethylene 100%		2	18	25	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
C. Wave Solderer	1. Shell Peblen "A" Oil			250 Max.	Petroleum Oil 100%		2	18	21	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
D. Cell Department	1. Etching Bath			120 Max.	Water Hydrochloric Perfluoride	66% 17% 17%	2	18	22	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	
	2. Gold Plating Solution			20 Max.	Water Sodium Citrate Gold Cyanide	95% .5% 4.5%	2	18	22	30	NONE	AS REQUIRED	UNKNOWN *	UNKNOWN *	

## Notes:

- Please refer to Insert (Key list and completed sample of the table) for guidance.
- Please use the keys for guidance in completing Item No. 13. Use one or more key numbers, as appropriate, when completing each section of the table.

18. Complete waste properties unknown.

25. Not stored prior to disposal.

30. Not handled by Beckman Instruments, Inc. Industrial waste disposal service picks up directly from tanks or storage drums.

\* Employ various industrial waste disposal companies. Now using R &amp; R Sanitation.

## 14. On-Site Disposal Facility

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(No on-site disposal) XXX

Landfill or land disposal \_\_\_\_\_ Incinerator \_\_\_\_\_ Other \_\_\_\_\_ (Specify) \_\_\_\_\_

Associated waste numbers, from Item 13 \_\_\_\_\_

Description of Facility \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

If on-site landfilling or land disposal has ever been used, indicate years of use (19\_\_\_\_ to 19\_\_\_\_).

## 15. Off-site Disposal Facility

(No off-site disposal) XXX

Landfill or land disposal \_\_\_\_\_ Incinerator \_\_\_\_\_ Ocean \_\_\_\_\_ Other \_\_\_\_\_ (Specify) \_\_\_\_\_

Associated waste number, from Item 13 \_\_\_\_\_

Description of facility \_\_\_\_\_

Location: City or Town \_\_\_\_\_ County \_\_\_\_\_ Zip Code \_\_\_\_\_

Name of Hauler \_\_\_\_\_

Address of Hauler \_\_\_\_\_

Alternatives for ocean disposal \_\_\_\_\_

If off-site disposal practices have been changed in the past 12 months, indicate names and addresses of previous hauler and disposal facility. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 16. New Industrial Wastes

Do you expect to produce new types of waste during the next calendar year (as a result of water pollution or air pollution controls, plant expansion, change of product, process modification, etc.). Yes\_\_\_\_ No XX  
If yes, please indicate:

General process \_\_\_\_\_

Associated waste \_\_\_\_\_

Quantity \_\_\_\_\_ Units \_\_\_\_\_

Constituents of waste \_\_\_\_\_

Method of disposal \_\_\_\_\_